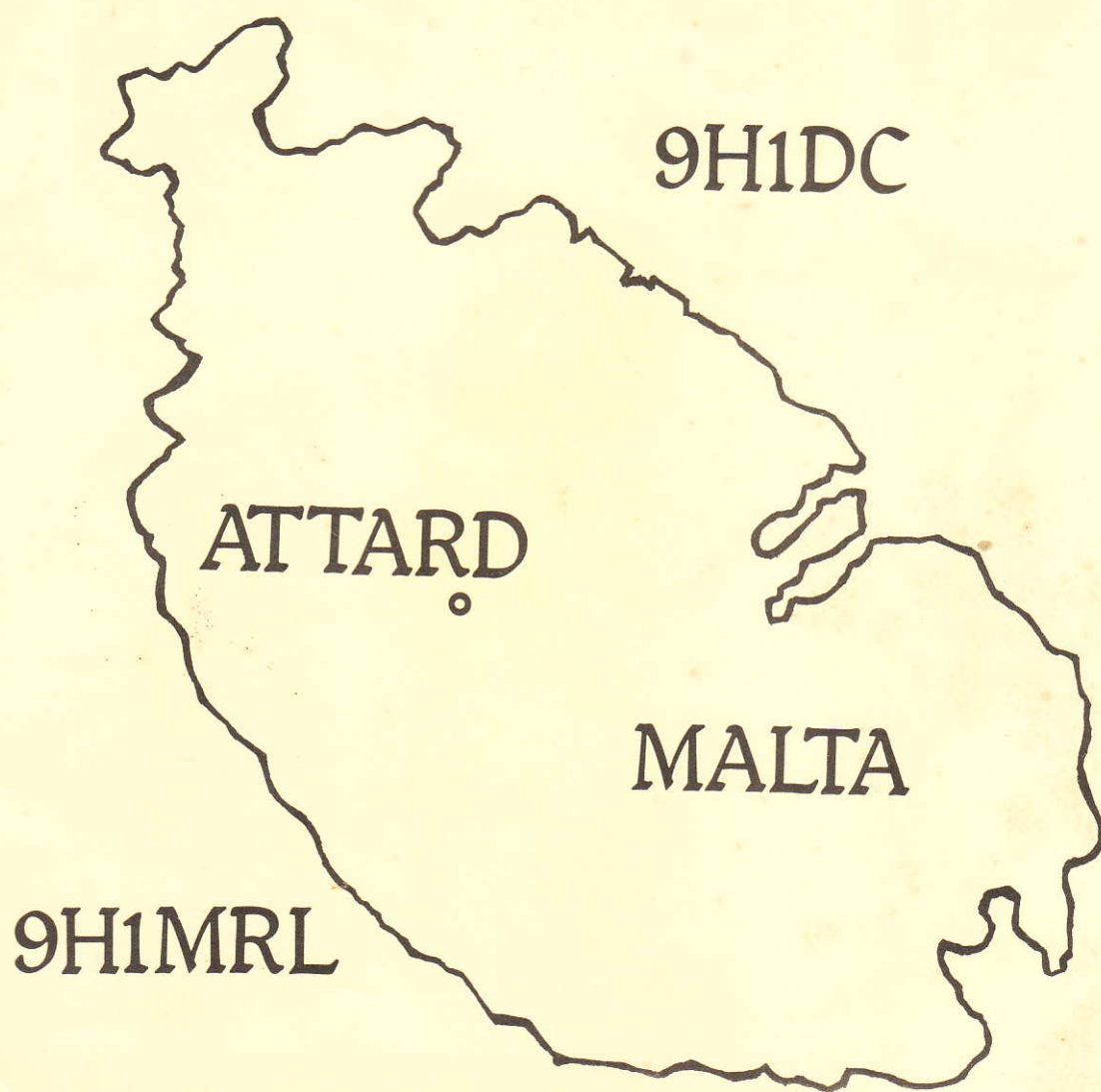


MARL

Holqa bejn il-membri tal-MARL
(MARL Amateur Radio League)



MARL
ĊENTRU PARROKKJALI
ATTARD.

MARL
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Kull kitba li
tidher f'dan il-
gurnal mhux
necessarjament
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Ipublikat kull
tlett xhur

editorjal

Sliem!

Bdejna sena gdida. Sena li quddiemna qed
tpoggi hafna progetti godda. Fi tmiem ix-
xahar ta' Janar, 1983, ghadd sabih ta'
membri tal-Klabb taghna attendew ghall-
laqgħa generali annwali biex jinhatru
president u membri tal-kumitat. Kollox mexa
b'rittmu tajjeb taht it-tmexxiġa għaqlija ta'
Manwel Schembri 9H1FW. Il-membri hatru b'vot
unanimu u b'akklamazzjoni lil habrieki Karmen u
Fenech 9H1AQ bhala President għat-tieni sena
konsekuttiva. Xewqat sbieħ Karm! Fil-kumitat
rajna membri godda ukoll. Ahna nawguraw
xewqat sbieħ lil dawn il-membri. Naturalment
ahna nirringrazzjaw ukoll lil dawk il-membri
li kienu fil-kumitat tas-sena li għaddiet
għal hidma tagħhom.

Wiehed mill-oġanizzazzjoni li qed jithejjew huma
l-attivitajiet biex ahna lkoll niccelebraw
il-Hamsin Sena (50) mit-twaqqif ufficjalitas-
soċjeta' tagħna. Aktar il-quddiem jithabbar
il-programm kollu: programm li jahseb għal
kulhadd. Għalhekk mim issa stess, naghmlu
proponiment biex kemm jista jkun dak li
jhejji l-kumitat nattendu għalih.

Nixtieq hawnhekk nerga nhegġikom biex tiktbu
fil-gurnal tagħna stess. Kienet ix-xewqa ta'
hafna li jkollna gurnal tal-klabb. Ix-xewqa
twettqet. Jonqos ftit sforz minn naha tal-
membri.

Nixtieq lil kull wiehed u wahda minnkomm kull
barka, gid, sliem u hidma fejjieda. 73's

Joe Muscat mssp
9H1HF
EDITUR

marl

MILL-QRIB

intervista

ma' KARMENU FENECH 9HLAQ
PRESIDENT TAL-KLABB MARL



- M. Karm, kif gietek il-hajra li ssir Radio Amateur?
- T. Nixtieq nibda sabiex nghidlek li jien sa l-1960 ma kont naf xejn dwar dan il-hobby. Kont bdejt nattendu l-klassijiet ta' fil-ghaxija biex nitghallem xi haga dwar ir-Radju. Darba fost l-ohrajn wiehed mill-istudenti kien Staqsa lis-surmast tal-klassi li kien GEORGE PETTET 9HLB jekk jistax ighamlilna klassi sabiex inkunu nistghu noqghodu għall-ezami sabiex insiru Radio Amateurs. Dan, wara li wrina t-triq li għandna naqbd u ahna gibna l-permess biex 9HLB ikun jista jibda jghallimna. Dan kien jekk niftakar sew fis-sena 1964 jew 1965. Fis-sena 1965, jien ghamilt l-ezami ta' 100 ta (lokali) u kont ixxurtjat li għaddejt ghax kont l-uniku wiehed li għaddejt minn xi sitt maltin. Dan kollu grazzi għal pacenzja li kien jiehu biha George 9HLB.
- M. X'diffikultajiet dak iz-zmien kontu tiltaqghu magħhom rigward dan il-hobby?
- T. Dak iz-zmien, aktar mill-lum, dan il-hobby ma kienx magħruf. Terga', hafna Maltin li kellhom il-licenzja kienu jkunu jahdmu mas-Servizzi u jekk wiehed jara l-lista ta' l-Amateurs ta' dak iz-zmien kienu jkunu fl-Air Force, fl-Army jew fin-Navy. Id-diffikultajiet kienu kbar hafna. L-ewwel nett għalkemm kien hawn diga' socjeta' pero ma kellniex post disentu fejn konna nkunu nistghu niltaqghu u allura wiehed ma tantx kien ikun jista' jithallat u jistaqsi dwar dan il-hobby jew dwar xi diffikulta.
- Hafna minn nies tal-kumitat kienu jkunu nies tas-servizzi u għalkemm kienu nies minn tagħna hafna, kienet donna tigik sudizzjoni tmur tistaqsihom ghax l-ewwelnett kienu nies teknici għall-ahħar u anke xi whud minnhom kienu jkunu 'high ranking': maggur, kaptan etc. u allura wiehed kien ihossu ferm inferjuri għalkemm kienu nies li jekk titlobhom l-ghajjnuna dejjem lesti sabiex ighinuk. Għamilna zmien konna niltaqghu fil-Lintorn Barracks; dan kien ikun darba fix-xahar. Wiehed kien jigbor il-QSL Cards u anke kien ikun hemm xi tahdita dwar xi haga li għandha x'taqsam mar-Radju. Imbagħad, bdejna niltaqghu fit-Technical Institute ta' Raha Gdid. Għali ltaqjna għand 9HLU G'Mangia u hawn wiehed jista' jimmagina l-problema. Problema kbira ohra kienet il-problema tal-flus. It-transmitters ta' dak iz-zmien aktarx li kienu jkunu homemade. Esperjenza ma tantx kien wiehed ikollu biex jibni transmitters tas.C.W. u l-parts konna nixtruhom mingħand ta' l-iskrapp. Niftakar li l-ewwel transmitter li bnejt kien crystal controlled, grazzi għal 9HLB.

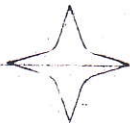
- M. Tahseb, Karm, li l-amateur radio jista' jkun ta' servizz ghal komunita' barra li bhala tali huwa hobby wkoll?
- T. Mhux nahseb, izda cert li l-amateur radio jista' jkun ta' servizz kbir ghal komunita' barra li bhala tali huw hobby.

L-ewwelnett nibda' biex nghid illi dan il-hobby huwa ferm edukattiv. Ghandek numru ta' zaghzagh li jonfqu flushom sabiex jixtru parts halli jesperimentaw u jqattghu hafna hin jaqraw ha jsiru jafu aktar dwar din il-meravilja tar-radju. Dawn in-nies jistghu jkun ta' ghajnuna kbira ghall pajjiz ghax ikunu qed jittrenjaw fit-teknologija. Hemm nies ohra li jhobbu joqghodu jitekllmu - lil dawn ighinuhom sabiex aktar jitghallmu, ghall dawk li huma delittanti tal-geografija jew tal-lingwi zgur li ma hemm ebda hobby iehor ahjar mill-amateur radio. Punt ferm importanti hu li dan il-hobby izomm liz-zghazagh ferm attrezzaati ghaliex dan il-hobby jzommok dejjem marbut u allura wiehed ma tantx ghandu cans li jaqbad hajja hazina.

Bhala servizz lill komunita' kien hemm anke kazi ta' fejn l-amateurs hadu parti u hadmu sabiex iwasslu medicini bzonnjuzi f'postijiet fejn kien hemm bzonnhom. Niftakar zgur b'zewg kazijiet fejn amateurs maltin hadu schem f'kazi bhal dawn.

- M. Nafu li l-percentagg kbir tar-radio amateurs huma rgjel. Ma tahsibx li wasal iz-zmien fejn il-YL's isemmghu aktar lehinhom fuq ir-radju?
- T. Mhux nahseb, izda hekk hu, sfortunatament. Izda ghal anqas issa ksirna l-barrieri u ghandna tlett tfajliet li hadu l-licenzja u l-callsign; ohrajn qeghdin jistudjaw. Meta tqis li dan il-hobby ghadu ma tantx huwa maghruf sahansitra mill-irgiel nhoss li m'ahniex sejr in hazin. Pero naqbel mieghek li ghad jonqosna hafna u nappella lill-membri sabiex jaghmlu hilithom biex ihajru aktar nies specjalment YL's u anke XYL's biex ihaddnu dan il-hobby.
- M. Karm, x'inh i l-aktar haga li tolqtok fil-hobby?
- T. L-aktar haga li tolqotni f'dan il-hobby hija dik ic-certa familjarita' li tezisti bejn l-amateurs ghalkemm bhal f'kull haga ohra dejjem issib xi wahdiet li ma jirnexxilekx tohloq rapport tajjeb maghhom.
- Nghid ghalija, iltqajt ma hafna kwalitajiet ta' nies f'dan il-hobby bhal rejiet (Re Hussien tal-Jordan), Proffesuri ta' Universitajiet, Inginiera, qassisin, nies jahdmu f' minjieri tal-faham, nies inkapacitati u kollha issibhom l-istess qisek ilek tafhom is-snin, kollha lesti biex jisimghuk u lest biex ighnu wiehed lil iehor. Dan il-hobby ma fih l-edda barriera ta' gens u kulur. Dan dwar in-nies li niltaqghu maghhom, u mbaghad xi nghidu ghall-dik li hija komunikazzjoni u informazzjoni - qieghed go dasxejn ta' toqba: is-shack, titkellem go mikrofon u ftit hin wara tkun qed titkellem ma diversi pajjizi fid-dinja taghna. Din il-haga verament issahrek.

- M. Fl-ahharnet, x'inhw l-messagg tieghek ghal dawh li huma midhla ta' dan il-hobby?
- T. Biex naghlaq, il-messagg tieghi ghal dawh li huma midhla tal-hobby nghidilhom sabiex nkomplu fejn hallew shabna, inzommu dan il-hobby kemm jista' jkun ta' rabta bejnitna, nghadru 'l xulxin u ma niehdux ghalina; on the air ingibu ruhna ta' cittadini Maltin serji ghax niftakru li ahna ambaxxaturi ta' pajjizna. Il-piki ma jghoddux ghalina. Ghalhekk dejjem inharsu 'l quddiem u l-motto taghna ghandu jkun: x'nista' naghmel jien biex inkompli ngib dan il-hobby 'l quddiem.
- Sahha u Sliem.



PROOF READER

Inhass il-bzonn ta' Proof Reader ghal gurnal taghna. Min huwa nteressat javvicina li xi membru tal-kumitat jew lill-editor, tel no. 674503/674813. Napprezzaw hafna dan is-servizz. Grazie.

CROSSWORD PUZZLE

F'xi harga jew ohra behsiebna naghmlu crossword puzzle teknika. Premju jkun hemm ukoll. Min huwa nteressat biex jikkomponi xi wahda ghal gurnal jikkuntattjana. Grazie.

Nota ta' l-editor:

Minhabba mpenji ta' xoghol, Frank Piscopo 9H4P ma setax jikteb l-artiklu tieghu fis-sensiela HARSA LEJN IL-KOMPJUTER. Niskuzaw rwiehna mal-qarrejja.

It-Tieni Gwerra Dinjija halliet warajha, herba u qerda li l-effetti tagħhom baqghu jinhassu għal hafna snin wara. Fost kollox nibtet il-mibegħda bil-biza li l-qawwiet il-kbar jeqirdu lil xulxin u lil ta' tahtom. Hoga wahda biss setgħet izzommhom u ggib ir-rebħa: l-imhabba ta' l-ahwa kif għallimhielna Kristu "Mhemmx imhabba ikbar minn dik li wiehed iħalli ħajtu għal haddiehor".

Fost dak kollu li kien qed jigri fil-wahx tal-kamp tal-koncentrament ta' Oswiecim li kien inissel biza u biki, gara wkoll fatt li b'ghageb kbir ta' kulhadd nissel il-kalma fost il-hruxija tan-Nazi, il-qawwa fost il-prigunieri u t-tama f'dawk li kienu kkundannati għal mewt.

Il-habsi bin-numru 16670 johrog minn postu biex jitlob u joffri li jmut hu minflok habsi iehor, bla ma qatt kien jafu qabel, biss ghax semghu jibki li se jħalli lil martu u lil uliedu.

"Min inti" - staqsa l-Kmandant Germaniz kollu stagħgib.

"Sacerdot Kattoliku - Massimiljan Kolbe, Pollak ..."

Il-patri frangiskan, illum San Massimiljan, fawwar il-kalci tieghu bl-imhabba meta offra ħajtu għall-imhabba ta' ghajru. Imma kien ilu jimlih il-kalci bil-qatra l-qatra bl-atti ta' mhabba ta' kuljum tul ħajtu kollha.

Sar sacerdot frangiskan biex bil-hidma tieghu jigbed hafna erwieh lejn Kristu permezz ta' Marija. U ma kinitx cajta tieghu bhala apostlu modern. Ghalkemm kien ibati hafna bit-tuberkulozi, P.Massimiljan qasam ibhra u gera lejn il-Gappun, Hong Kong, Shanghai, Korea bil-hsieb li jwaqqaf "Belt ta' l-Immakulata" kif għamel f'Nagasaki. Ipprova wkoll fl-Indja, Beirut u r-Russa, ghax kien ighid li l-pjanijiet għall-apostolat tieghu kien bla trufijiet.

Xogħol li kien beda jwettaq biex ixerred l-imhabba ta' l-ahwa u d-devozzjoni lejn l-Immakulata, u li forsi ftit smajnabih, kien il-mod kif beda juza l-mezzi ta' komunikazzjoni ta' dak in-nhar. Kien fassal u ppjana ajruport privat u kien ga baġat xi frangiskani hutu biex jitharrgu gewwa Varsavja bhala piloti. Mezz iehor qawwi kien l-istazzjon tar-Radju li kien fetħ u beda jhaddem fit- 8 ta' Dicembru, 1939 bl-isem ta' S P 3 R N; u b'hekk seta jilhaq hafna nies.

/ikompli minn pagna 5

San Massimiljan Kolbe huwa xbieha perfetta ta' Kristu fi zminijietna. Xoghol fil-Knisja ta' Kristu hemm ghal kulhadd, b'mod specjali ghal dawk li ghandhom f'idejhom il-mezzi tal-kommunikazzjoni. J'Alla dan l-apostolat qawwi jintuza b'hila kbira biex nuru u nsemngħu izjed dak li hu tajjeb, dak li hu sabih, fuq kollox iservina biex ninhabu tassew ta' ahwa f'Alla Missierna.

Patri Tumas Moore OFM Conv.

Nixtiequ nirringrazzjaw lil Patri Tumas Moore ta' l-artiklu verament sabih li kitbilna fuq S. Massimiljan Kolbe SP3RN.

Ma' dan l-artiklu ghandkom issibu santa ta' l-istess qaddis. L-Editur

ittra....

Sur Editur,

L-ewwelnett minn qalbi nixtieq nifrah lill kumitat prezenti li minnu jien maghmel parti, specjalment lil Karmenu Fenech 9H1AQ li rega' gie mahtur PRESIDENT tal-klabb taghna ghat-tieni sena konsekuttiva. Nifrah ukoll lill Walter Gatt 9H1DU u lill Tony Vella 9H1FG li zam ew posthom fil-kumitat.

Irrid nifrah minn qalbi lill-ohrajn godda: John Micallef Hawks 9H1GL, Alex Antignolo 9H1GN u lill Fortunato Bonnici 9H1ES.

Nixtieq nifrah ukoll u aktar biex nghid hekk lill dawk l-ucuh godda, li ftit ilu kien nsewna u issa qiegħdin jonorawna bil-prezenza tagħhom. Dawn huma affarijiet li lilna tal-kumitat jimlewna bil-kuragg.

Fl-ahħarnett nixtieq napella lil membri shabi tal-MARL biex ikomplu juru l-istess entuzjazmu li wrew s'issa, nibqghu maqghudin kif ahna issa, inkomplu nahdmu għal gid tas-socjeta' għal gid tal-Amateur Radio, għal gid ta' gżiritna biex bil-hidma tagħna ilkolli inhossuna kburi li nissejhu RadioAmateurs Maltin.

NINU MUSCAT

9H1O

ANTENNAE

by George
Pettet 9HIB

The antenna is a special electric circuit. In a normal electronic circuit you find that the sizes of coils, condensers and the wire used are small when compared to the wavelength.

Under these circumstances no electromagnetic energy is radiated. But when the sizes of wire and components are relatively large when compared to the wavelength, part of the energy is radiated in form of electromagnetic waves. When this circuit is designed for a particular use, the result is the antenna.

The antennaw used by radio amateurs are based on the antenna called HERTZ; consisting of an electric half wavelength. The electrical half wavelength is shorter than its physical size. The dimensions of the half wavelength for frequencies between 1.7 MHZ and 30 MHZ can be calculated as follows:

- * SPEED OF RADIO WAVES $\frac{300,000,000 \text{ METRE PER SEC}}$
- * $F \text{ (MHZ)} = \frac{300}{\text{Metres}} \text{ or } \frac{300}{F \text{ (MHZ)}} = \text{METRES}$
- * Converting METRES TO FEET $\frac{300 \times 3.28}{F \text{ (MHZ)}} = \frac{984}{F \text{ (MHZ)}} = \frac{\text{Length in FT of FULL WAVE}}{F \text{ (MHZ)}}$
- * HALF WAVE $\frac{492}{F \text{ (MHZ)}} = \text{Length of HALF WAVE DIPOLE operating up to a Freq. of 30 MHZ in SPACE.}$

When no factors modify the speed of propagation.
When other factors are taken into consideration e.g. END-EFFECTS the formula becomes:

$$\frac{492}{F \text{ (MHZ)}} \times 0.95 = \text{Length in FEET of HALF WAVE DIPOLE}$$

- * Above 30 MHZ the length of a HALF WAVE DIPOLE is found from the formula:

$$\frac{5600}{F \text{ (MHZ)}} = \text{Length in inches}$$

The use of the element in a triangular form was experimented upon in 1967. From then onwards various forms of antennae have been used and it was found out that this type of antenna was as efficient as other antennae. The triangular antenna is very efficient and can form part of a BEAM ANTENNA. The amount of wire used can be found by using the following formula:

Multi band horizontal loop aerial:

$$\frac{1007}{F(\text{MHZ})} = \text{total length of wire required}$$

Single Element Triangular loops:

$$\frac{1006}{F(\text{MHZ})} = \text{total length of wire required}$$

The radiation resistance is between 30 - 110 Ω always depending on the height above ground. The Bandwidth of such an antenna that is going to be used for 7, 14, 21, 28 MHZ is more than 800 KHZ before the SWR becomes difficult to control.

The amount by which the triangular shape of the antenna can be varied is limited. The ratio of 1.3 : 1 must always be adhered to and never be exceeded. The triangular antenna is used on a single frequency, however other triangles can be used when inserted into each other.

In our next issue we give information about DESIGN TABLES
73's - George.

THANKS TO *Jerry*
W7BUN (9H3BV)

We wish to thank Jerry for his interest shown to our club (MARL). Through Jerry's initiative our club's library has acquired a very nice collection of technical books from **A.R.R.L.** Once again we say a very big THANK-YOU to JERRY and to the **A.R.R.L.**

X'kont se ngnid...

SUGGESTION BOX

Kull laqxa tirfed l-imramm, ghalhekk kull haga, zghira kemm hi zghira, tista' tghin biex nimxu aktar 'l quddiem. Mela, min jixtieq jissugerixxi xi ideja, progett, tibdil etc, ahna inhegguh sabiex juza s-suggestion box li ghandna l-klabb. Ma saritx biex tibqa' vojta.

CALL-SIGNS

Nghinu lil xulxin sabiex il-call-signs taghna nghiduhom shah u mhux l-ahhar ittri biss. IMPORTANTI WKOLL li nuzaw il-'Phonetic Alphabet' skond ir-regulamenti.

SIGGIJIET

Iz-zmien isajjar il-bajtar u fil-kaz taghna z-zmien sajjar is-siggijiet tal-klabb taghna. Ghalhekk il-kumitat haseb sabiex iforni 'l klabb b'siggijiet komdi u godda. J'Alla jispickaw bl-uzu! HI!

KORSIJIET ETC

Qed jithejjew korsijiet fil-morse u r-radio theory. Il-quddiem naghtu aktar taghrif. Hemm il-hsieb li jingieb psikjatra biex jghati kors ta' tahdidiet fuq il-psikologija tar-radio amateurs. Nixtiequ wkoll nibdew id-discussion groups fuq skala regolari. Ukoll meta jkun lest il-workshop li qed jiehu hsiebu Fortunatu 9H1ES jibdew isiru club-projects, maintenance, servicing etc.

NIFIRMU MAGNUM

Dawn il-membri tal-klabb taghna ghaddew mic-City & Guilds Ray Livori (Part 1 & 2), Mike Bonnici (Part 1), Joe Beson (Pt 1), Nathalie Padovani (Part 2). Ray Livori bil-callsign: 9H5T. Bro Joe Muscat mssp ghadda mill-morse, issa l-call sign tieghu hi 9H1HF; mieghu ghadda wkoll Alex Antignolo 9H1GN.

MEMBRI GODDA

Joe Stafrace; Joe Ebeyer; Joe Acap 9H1E

Nergghu niltaqghu. 73's

TONY VELLA 9H1FG

Nota ta' l-editor:

Minhabba ragunijiet persunali, Charles Borg 9H1FT ma jistax ikompli jikontribwixxi l-artiklu 'X'KONT SE NGHID'. Ahna nirringrazzjawh tal-kontribut siewi li dejjem ta.

AHBARIJ IET MIGBURA MINN AHBARIJ IET W. GATT 9H1DU

MARSA LEIN L-1982

- * Sar statut gdid ifformulat minn Tony Vella 9H1FG; Manuel Schembri 9H1FW u Charles Borg 9H1FT. Fil-Laqgha General Annwali gie approvat wara li saru xi addendae.
- * George Pettet 9H1B ta' xi lectures fuq Aerials lil membri tal-klabb taghna u kienu jattendu xi persuni ohra wkoll.
- * Sar lecture fuq il-kompjuter minn Anton Buhagiar li huwa espert fuq din il-materja. Deher hafna nteress li ghadu jidher sal-lum.
- * Hadna sehem fil-WORLD TELECOMMUNICATIONS DAY li din l-attivita issir kull sena u li l-membri jkunu jistennew hafna.
- * Organizzajna tlett FIELD DAYS b'success. Grazzi ghall kull min kien involut b'xi mod jew iehor. Dan saru:
 - Santa Marija Estate 23/23 Gunju.
 - Ghajn Tuffieha 28/29 Awwissu.
 - Sant'Agata - Rabat 29/30 Settembru.
- * F'Awwissu sar il-PIZZA PARTY fil-klabb taghna. Grazzi ghal YL's u l-XYL's li b'tant pacenzja hadu hsieb hafna mill-affarijiet tal-party. Din kienet attivita ferm inkorraganti.
- * Hadna parti fl-Exhibition of LEISURE & SPORT fid-DAR TAL-MEDITERRAN fil-Belt Valletta. Kienet okkrazjoni verament sabiha fejn ahna għajna kull servizz li stajna naghtu.
- * Kellna success kbir fil-hrug ta' l-Awards, grazzi ghal Award Manager Tony Vella 9H1FG.
- * Bdejna wkoll nirrangaw il-klabb u issa ghandna hafna xoghol lest bil-hidma ta' hafna membri.
- * Matul in-1982 kellna dawn il-call-signs godda fil-klabb taghna: 9H1O; 9H1GH; 9H1GT; 9H1GW; 9H1GU; 9H1GY; 9H1GZ; 9H1HA; 9H1HB; 9H1HF; 9H1I; 9H1J; 9H1K; 9H1L; 9H1M; 9H1N; 9H1O; 9H1P; 9H1Q; 9H1R; 9H1S; 9H1T; 9H1U; 9H1V; 9H1W; 9H1X; 9H1Y; 9H1Z; 9H1AA; 9H1AB; 9H1AC; 9H1AD; 9H1AE; 9H1AF; 9H1AG; 9H1AH; 9H1AI; 9H1AJ; 9H1AK; 9H1AL; 9H1AM; 9H1AN; 9H1AO; 9H1AP; 9H1AQ; 9H1AR; 9H1AS; 9H1AT; 9H1AU; 9H1AV; 9H1AW; 9H1AX; 9H1AY; 9H1AZ; 9H1BA; 9H1BB; 9H1BC; 9H1BD; 9H1BE; 9H1BF; 9H1BG; 9H1BH; 9H1BI; 9H1BJ; 9H1BK; 9H1BL; 9H1BM; 9H1BN; 9H1BO; 9H1BP; 9H1BQ; 9H1BR; 9H1BS; 9H1BT; 9H1BU; 9H1BV; 9H1BW; 9H1BX; 9H1BY; 9H1BZ; 9H1CA; 9H1CB; 9H1CC; 9H1CD; 9H1CE; 9H1CF; 9H1CG; 9H1CH; 9H1CI; 9H1CJ; 9H1CK; 9H1CL; 9H1CM; 9H1CN; 9H1CO; 9H1CP; 9H1CQ; 9H1CR; 9H1CS; 9H1CT; 9H1CU; 9H1CV; 9H1CW; 9H1CX; 9H1CY; 9H1CZ; 9H1DA; 9H1DB; 9H1DC; 9H1DD; 9H1DE; 9H1DF; 9H1DG; 9H1DH; 9H1DI; 9H1DJ; 9H1DK; 9H1DL; 9H1DM; 9H1DN; 9H1DO; 9H1DP; 9H1DQ; 9H1DR; 9H1DS; 9H1DT; 9H1DU; 9H1DV; 9H1DW; 9H1DX; 9H1DY; 9H1DZ; 9H1EA; 9H1EB; 9H1EC; 9H1ED; 9H1EE; 9H1EF; 9H1EG; 9H1EH; 9H1EI; 9H1EJ; 9H1EK; 9H1EL; 9H1EM; 9H1EN; 9H1EO; 9H1EP; 9H1EQ; 9H1ER; 9H1ES; 9H1ET; 9H1EU; 9H1EV; 9H1EW; 9H1EX; 9H1EY; 9H1EZ; 9H1FA; 9H1FB; 9H1FC; 9H1FD; 9H1FE; 9H1FF; 9H1FG; 9H1FH; 9H1FI; 9H1FJ; 9H1FK; 9H1FL; 9H1FM; 9H1FN; 9H1FO; 9H1FP; 9H1FQ; 9H1FR; 9H1FS; 9H1FT; 9H1FU; 9H1FV; 9H1FW; 9H1FX; 9H1FY; 9H1FZ; 9H1GA; 9H1GB; 9H1GC; 9H1GD; 9H1GE; 9H1GF; 9H1GH; 9H1GI; 9H1GJ; 9H1GK; 9H1GL; 9H1GM; 9H1GN; 9H1GO; 9H1GP; 9H1GQ; 9H1GR; 9H1GS; 9H1GT; 9H1GU; 9H1GV; 9H1GW; 9H1GX; 9H1GY; 9H1GZ; 9H1HA; 9H1HB; 9H1HC; 9H1HD; 9H1HE; 9H1HF; 9H1HG; 9H1HH; 9H1HI; 9H1HJ; 9H1HK; 9H1HL; 9H1HM; 9H1HN; 9H1HO; 9H1HP; 9H1HQ; 9H1HR; 9H1HS; 9H1HT; 9H1HU; 9H1HV; 9H1HW; 9H1HX; 9H1HY; 9H1HZ; 9H1IA; 9H1IB; 9H1IC; 9H1ID; 9H1IE; 9H1IF; 9H1IG; 9H1IH; 9H1II; 9H1IJ; 9H1IK; 9H1IL; 9H1IM; 9H1IN; 9H1IO; 9H1IP; 9H1IQ; 9H1IR; 9H1IS; 9H1IT; 9H1IU; 9H1IV; 9H1IW; 9H1IX; 9H1IY; 9H1IZ; 9H1JA; 9H1JB; 9H1JC; 9H1JD; 9H1JE; 9H1JF; 9H1JG; 9H1JH; 9H1JI; 9H1JJ; 9H1JK; 9H1JL; 9H1JM; 9H1JN; 9H1JO; 9H1JP; 9H1JQ; 9H1JR; 9H1JS; 9H1JT; 9H1JU; 9H1JV; 9H1JW; 9H1JX; 9H1JY; 9H1JZ; 9H1KA; 9H1KB; 9H1KC; 9H1KD; 9H1KE; 9H1KF; 9H1KG; 9H1KH; 9H1KI; 9H1KJ; 9H1KK; 9H1KL; 9H1KM; 9H1KN; 9H1KO; 9H1KP; 9H1KQ; 9H1KR; 9H1KS; 9H1KT; 9H1KU; 9H1KV; 9H1KW; 9H1KX; 9H1KY; 9H1KZ; 9H1LA; 9H1LB; 9H1LC; 9H1LD; 9H1LE; 9H1LF; 9H1LG; 9H1LH; 9H1LI; 9H1LJ; 9H1LK; 9H1LL; 9H1LM; 9H1LN; 9H1LO; 9H1LP; 9H1LQ; 9H1LR; 9H1LS; 9H1LT; 9H1LU; 9H1LV; 9H1LW; 9H1LX; 9H1LY; 9H1LZ; 9H1MA; 9H1MB; 9H1MC; 9H1MD; 9H1ME; 9H1MF; 9H1MG; 9H1MH; 9H1MI; 9H1MJ; 9H1MK; 9H1ML; 9H1MN; 9H1MO; 9H1MP; 9H1MQ; 9H1MR; 9H1MS; 9H1MT; 9H1MU; 9H1MV; 9H1MW; 9H1MX; 9H1MY; 9H1MZ; 9H1NA; 9H1NB; 9H1NC; 9H1ND; 9H1NE; 9H1NF; 9H1NG; 9H1NH; 9H1NI; 9H1NJ; 9H1NK; 9H1NL; 9H1NM; 9H1NN; 9H1NO; 9H1NP; 9H1NQ; 9H1NR; 9H1NS; 9H1NT; 9H1NU; 9H1NV; 9H1NW; 9H1NX; 9H1NY; 9H1NZ; 9H1OA; 9H1OB; 9H1OC; 9H1OD; 9H1OE; 9H1OF; 9H1OG; 9H1OH; 9H1OI; 9H1OJ; 9H1OK; 9H1OL; 9H1OM; 9H1ON; 9H1OO; 9H1OP; 9H1OQ; 9H1OR; 9H1OS; 9H1OT; 9H1OU; 9H1OV; 9H1OW; 9H1OX; 9H1OY; 9H1OZ; 9H1PA; 9H1PB; 9H1PC; 9H1PD; 9H1PE; 9H1PF; 9H1PG; 9H1PH; 9H1PI; 9H1PJ; 9H1PK; 9H1PL; 9H1PM; 9H1PN; 9H1PO; 9H1PP; 9H1PQ; 9H1PR; 9H1PS; 9H1PT; 9H1PU; 9H1PV; 9H1PW; 9H1PX; 9H1PY; 9H1PZ; 9H1QA; 9H1QB; 9H1QC; 9H1QD; 9H1QE; 9H1QF; 9H1QG; 9H1QH; 9H1QI; 9H1QJ; 9H1QK; 9H1QL; 9H1QM; 9H1QN; 9H1QO; 9H1QP; 9H1QQ; 9H1QR; 9H1QS; 9H1QT; 9H1QU; 9H1QV; 9H1QW; 9H1QX; 9H1QY; 9H1QZ; 9H1RA; 9H1RB; 9H1RC; 9H1RD; 9H1RE; 9H1RF; 9H1RG; 9H1RH; 9H1RI; 9H1RJ; 9H1RK; 9H1RL; 9H1RM; 9H1RN; 9H1RO; 9H1RP; 9H1RQ; 9H1RR; 9H1RS; 9H1RT; 9H1RU; 9H1RV; 9H1RW; 9H1RX; 9H1RY; 9H1RZ; 9H1SA; 9H1SB; 9H1SC; 9H1SD; 9H1SE; 9H1SF; 9H1SG; 9H1SH; 9H1SI; 9H1SJ; 9H1SK; 9H1SL; 9H1SM; 9H1SN; 9H1SO; 9H1SP; 9H1SQ; 9H1SR; 9H1SS; 9H1ST; 9H1SU; 9H1SV; 9H1SW; 9H1SX; 9H1SY; 9H1SZ; 9H1TA; 9H1TB; 9H1TC; 9H1TD; 9H1TE; 9H1TF; 9H1TG; 9H1TH; 9H1TI; 9H1TJ; 9H1TK; 9H1TL; 9H1TM; 9H1TN; 9H1TO; 9H1TP; 9H1TQ; 9H1TR; 9H1TS; 9H1TT; 9H1TU; 9H1TV; 9H1TW; 9H1TX; 9H1TY; 9H1TZ; 9H1UA; 9H1UB; 9H1UC; 9H1UD; 9H1UE; 9H1UF; 9H1UG; 9H1UH; 9H1UI; 9H1UJ; 9H1UK; 9H1UL; 9H1UM; 9H1UN; 9H1UO; 9H1UP; 9H1UQ; 9H1UR; 9H1US; 9H1UT; 9H1UU; 9H1UV; 9H1UW; 9H1UX; 9H1UY; 9H1UZ; 9H1VA; 9H1VB; 9H1VC; 9H1VD; 9H1VE; 9H1VF; 9H1VG; 9H1VH; 9H1VI; 9H1VJ; 9H1VK; 9H1VL; 9H1VM; 9H1VN; 9H1VO; 9H1VP; 9H1VQ; 9H1VR; 9H1VS; 9H1VT; 9H1VU; 9H1VV; 9H1VW; 9H1VX; 9H1VY; 9H1VZ; 9H1WA; 9H1WB; 9H1WC; 9H1WD; 9H1WE; 9H1WF; 9H1WG; 9H1WH; 9H1WI; 9H1WJ; 9H1WK; 9H1WL; 9H1WM; 9H1WN; 9H1WO; 9H1WP; 9H1WQ; 9H1WR; 9H1WS; 9H1WT; 9H1WU; 9H1WV; 9H1WW; 9H1WX; 9H1WY; 9H1WZ; 9H1XA; 9H1XB; 9H1XC; 9H1XD; 9H1XE; 9H1XF; 9H1XG; 9H1XH; 9H1XI; 9H1XJ; 9H1XK; 9H1XL; 9H1XM; 9H1XN; 9H1XO; 9H1XP; 9H1XQ; 9H1XR; 9H1XS; 9H1XT; 9H1XU; 9H1XV; 9H1XW; 9H1XX; 9H1XY; 9H1XZ; 9H1YA; 9H1YB; 9H1YC; 9H1YD; 9H1YE; 9H1YF; 9H1YG; 9H1YH; 9H1YI; 9H1YJ; 9H1YK; 9H1YL; 9H1YM; 9H1YN; 9H1YO; 9H1YP; 9H1YQ; 9H1YR; 9H1YS; 9H1YT; 9H1YU; 9H1YV; 9H1YW; 9H1YX; 9H1YY; 9H1YZ; 9H1ZA; 9H1ZB; 9H1ZC; 9H1ZD; 9H1ZE; 9H1ZF; 9H1ZG; 9H1ZH; 9H1ZI; 9H1ZJ; 9H1ZK; 9H1ZL; 9H1ZM; 9H1ZN; 9H1ZO; 9H1ZP; 9H1ZQ; 9H1ZR; 9H1ZS; 9H1ZT; 9H1ZU; 9H1ZV; 9H1ZW; 9H1ZX; 9H1ZY; 9H1ZZ

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Omm Fr Frank Dalli mssp OA6EC

NET FUQ L-H.F

Diversi membri talbuna sabiex il-MARL ikollu NET fuq L-H.F. imqar darba fil-gimgha. Ahna hsiebna li qabel niddeciedu niehdu l-opinjoni tal-membri fuq:

- * FREKWENZA
- * HIN
- * NET CONTROLLER (possibilment jinbidel kull darba)
- * NET CALL (ezempju: CQ MARL NET)

Zmien sa l-ahhar ta' MARZU, 1983. Uzaw is-suggestion Box ghax possibilment irridu l-opinjoni jiet miktuba.

THE AMATEUR'S CODE

ONE

The Amateur is considerate ... He never knowingly uses the air in such a way as to lessen the pleasure of others.

TWO

The Amateur is loyal ... He offers his loyalty, encouragement and support to his fellow radio amateurs, his local club and to the (national society through which amateur radio is represented to Government, the International Amateur Radio Union and the International Telecommunication Union).

THREE

The Amateur is Progressive ... He keeps his station abreast of science. It is well-built and efficient. His operating practice is above reproach.

FOUR

The Amateur is Friendly ... Slow and patient sending when requested, friendly advice and counsel to the beginner, kindly assistance, cooperation and consideration for the interest of others; these are marks of the amateur spirit.

FIVE

The Amateur is Balanced ... Radio is his hobby. He never allows it to interfere with any of the duties he owes to his home, his job, his school, or his community.

SIX

The Amateur is Patriotic ... His knowledge and his station are always ready for the service of his country and his community.

PAUL M. SEGAL (except for the part in brackets in TWO)

10 MHZ

Din il-frekwenza issa qiegħda tintuza wkoll mir-Radio Amateurs. Huwa ssugerit li fuq din il-frekwenza kemm jista' jkun ma jsirux contests jew xi attivita ohra li tiggnera award credits; dan is-suggeriment sar mis-socjetajiet tal-I.A.R.U.

fl ~ armatura

VIBROPLEX Semi-Auto BUG-KEY by "E.F. Johnson" Inc (USA) LM20

Two Extension Stereo Speakers (unmatched):

Toshiba - 8 watts; Philips - 6 watts LM25

Camera Tripod (Sturdy) by 'Star' of USA LM12

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9 New Scotch FERRIC TAPES C60
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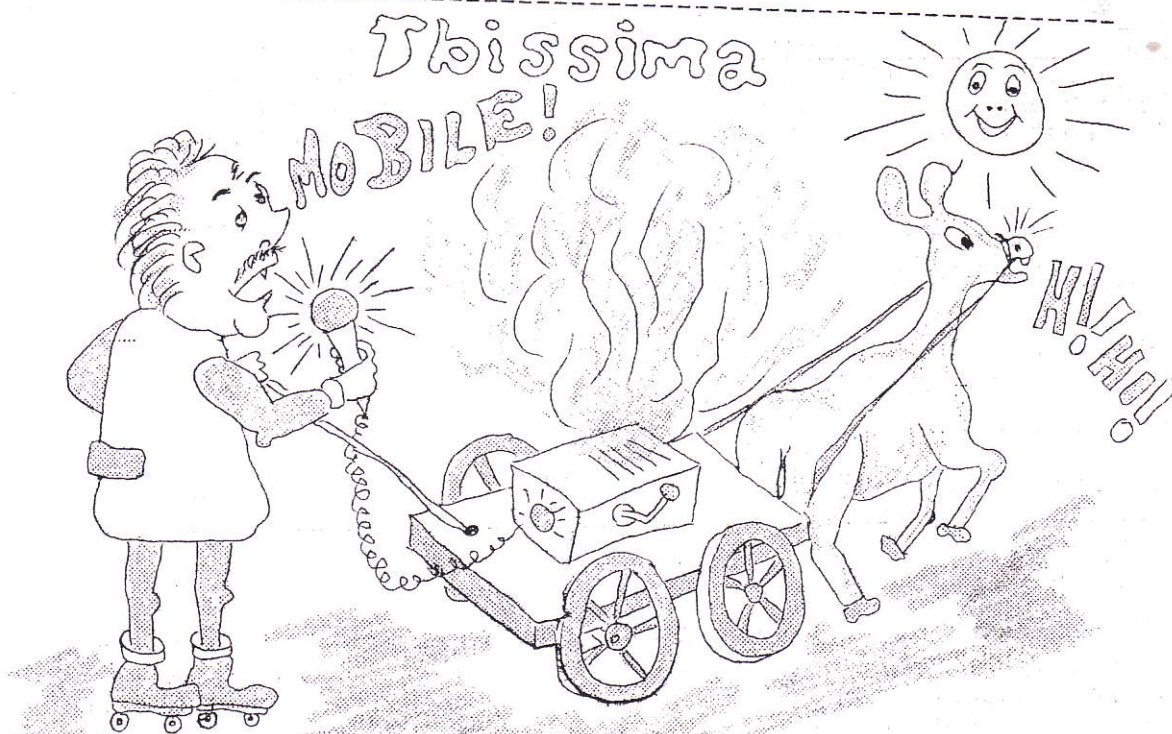
approx. 50 sheets (double-sided)

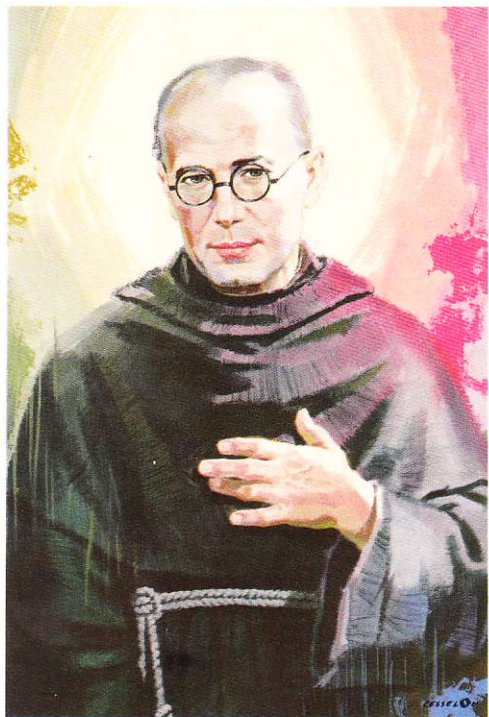
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bl-informazzjoni kollha fl-indirizz postali.





S. MASSIMILJAN MARIJA KOLBE
TAL-PATRIJET MINURI KONVENTWALI (1894-1941)
FUNDATUR TAL-MILIZJA TA' L-IMMAKULATA

SAN MASSIMILJANU

Iben kbir tal-fqajjar ta' Assisi
Kavalier qalbieni ta' l-Immakulata
Martri ta' l-imhabba ta' l-aħwa
Patrun tas-seklu mqalleb tagħna
seklu li ried jibni soċjetà bla Alla
u hasad dinja mfarrka
fejn il-Mitan kollha jheddu li jiġġarfu
għax neqsin mill-għagna ta' l-imhabba
għallimna nixorbu mill-ġdid
mill-għajn safja ta' l-imhabba ta' Kristu
Alla u bniedem, huwa u feddej tagħna
hekk fil-bnedmin kollha
imqar jekk eghdewwa
naraw mill-ġdid aħwa u hbieb
u mħabbtina twelled soċjetà ġdida
fejn l-aħwa jgħixu
magħqudin flimkien
taht il-harsien ta' l-Omm Immakulata
li bla heda tkabbar fihom
'il Ġesù Binha
ħalli hu jkun tassew kollox f'kulhadd
sa ma r-rebħa tiegħu u tagħha
fuq il-ħażin
issehħ għal kollox
għall-glorja tat-Trinità Qaddisa

AMEN.